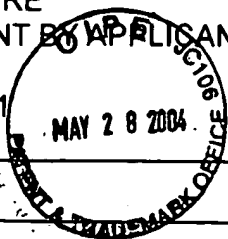


INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 1



Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: 1763
Examiner Name: Unknown
Attorney Docket Number: 006915 P04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
OL	US-5,074,456	12-24-1991	DEGNER ET AL.	228	121	09-18-1990
OL	US-5,653,811	08-05-1997	CHAN	118	723	07-19-1995
OL	US-6,000,360	12-14-1990	KOSHIMUZU	118	723	07-02-1997
OL	US-6,392,351 B1	05-21-2002	SHUNKO	315	111.51	05-03-1999
OL	US-6,679,981 B1	01-20-2004	PAN ET AL.	204	298.06	05-11-2000

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature: *[Signature]*

Date Considered: 2/2/05

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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 1 of 6



Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 008401 04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
OL	US-2,344,138	03-14-1944	DRUMMOND	117	107	05-20-1940
OL	US-3,109,100	10-29-1963	GECEWICZ	250	219	05-19-1960
OL	US-3,576,685	04-27-1971	SWANN ET AL.	148	187	03-15-1968
OL	US-3,907,616	09-23-1975	WIEMER	148	188	08-16-1974
OL	US-4,116,791	09-26-1978	ZEGA	204	192	05-18-1977
OL	US-4,382,099	05-03-1983	LEGGE ET AL.	427	34	10-26-1981
OL	US-4,385,946	05-31-1983	FINEGAN ET AL.	148	175	06-19-1981
OL	US-4,434,036	02-28-1984	HOERSCHELMANN ET AL.	204	164	05-03-1982
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OL	EP 0 546 852 A1	16.06.1993	EUROPE	CHARLES ZAROWIN ET AL.	N/A
OL	EP 0 836 218 A2	15.04.1998	EUROPE	SERGIO EDELSTEIN ET AL.	N/A
OL	EP 0 964 074 A2	15.12.1999	EUROPE	ALEC DENHOLM ET AL.	N/A
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OL	Zhang, B.C., and Cross, R.C., "A high power radio frequency transformer for plasma production," <i>Rev. Sci. Instrum.</i> , Vol. 69, No. 1, pp. 101-108, January 1998.
OL	U.S. Patent Application Serial No.: 09/638,075, filed August 11, 2000, entitled, "EXTERNALLY EXCITED TORROIDAL PLASMA SOURCE," By Hiroji Hanawa, et al.

Examiner's Signature:

[Handwritten Signature]

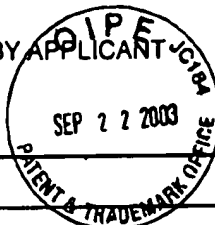
Date Considered:

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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 2 of 6



Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 008401 04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
OL	US-4,481,229	11-06-1984	SUZUKI ET AL.	427	38	06-20-1983
OL	US-4,500,563	02-19-1985	ELLENBERGER ET AL.	427	38	12-15-1982
OL	US-4,521,441	06-04-1985	FLOWERS	427	38	12-19-1983
OL	US-4,539,217	09-03-1985	FARLEY	427	10	06-27-1984
OL	US-4,565,588	01-21-1986	SEKI ET AL.	148	186	10-10-1984
OL	US-4,698,104	10-06-1987	BARKER ET AL.	437	141	03-02-1987
OL	US-4,764,394	08-16-1988	CONRAD	427	38	01-20-1987
OL	US-4,778,561	10-18-1988	GHANBARI	156	643	10-30-1987
OL	US-4,867,859	09-19-1989	HARADA ET AL.	204	298	08-04-1987
OL	US-4,871,421	10-03-1989	OGLE ET AL.	156	643	09-15-1988
OL	US-4,912,065	05-27-1990	MIZUNO ET AL.	437	141	05-26-1988
OL	US-4,937,205	06-26-1990	NAKAYAMA ET AL.	437	165	08-04-1988
OL	US-4,948,458	08-14-1990	OGLE	156	643	08-14-1990
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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
OL	JP 59-218728	10.12.1984	JAPAN	UNKNOWN	NO
OL	JP 59-86214	18.5.1984	JAPAN	UNKNOWN	NO
OL	JP 62-120041	1.6.1987	JAPAN	UNKNOWN	NO
OL	WO 93/18201	16.09.2003	WIPO	FELCH ET AL.	N/A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature:

David Bule

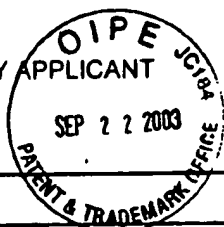
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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 3 of 6



Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 008401 04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
OL	US-5,106,827	04-21-1992	BORDEN ET AL.	505	1	02-05-1991
OL	US-5,107,201	04-21-1992	OGLE	324	72.5	12-11-1990
OL	US-5,270,250	12-14-1993	MURAI ET AL.	437	165	12-23-1991
OL	US-5,277,751	01-11-1994	OGLE	156	643	06-18-1992
OL	US-5,290,382	03-01-1994	ZAROWIN ET AL.	156	345	12-13-1991
OL	US-5,312,778	05-17-1994	COLLINS ET AL.	437	225	11-23-1990
OL	US-5,354,381	10-11-1994	SHENG	118	723	05-07-1993
OL	US-5,435,881	07-25-1995	OGLE	156	345	03-17-1994
OL	US-5,505,780	04-09-1996	DALVIE ET AL.	118	723	03-18-1992
OL	US-5,514,603	05-07-1996	SATO	437	16	05-06-1994
OL	US-5,520,209	05-28-1996	GOINS ET AL.	137	246	12-03-1993
OL	US-5,542,559	08-06-1996	KAWAKAMI ET AL.	216	67	02-14-1994
OL	US-5,561,072	10-01-1996	SAITO	437	24	11-21-1994
OL	US-5,569,363	10-29-1996	BAYER ET AL.	204	192.32	10-25-1994
OL	US-5,572,038	11-05-1996	SHENG ET AL.	250	492.21	05-07-1993

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Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)
OL	WO 99/00832	07.01.1999	WIPO	DONALD SMITH ET AL.	N/A
OL	WO 01/11651 A1	15.02.2001	WIPO	LEONARD MAHONEY ET AL.	N/A
OL	WO 02/25694 A2	28.03.2002	WIPO	JAMES BERNSTEIN ET AL.	N/A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	

Examiner's Signature:

Quinn Burt

Date Considered:

2/2/05

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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 4 of 6



Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 008401 04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
OL	US-5,587,038	12-24-1996	CECCHI ET AL.	156	345	06-16-1994
OL	US-5,627,435	05-06-1997	JANSEN ET AL.	315	111.21	02-15-1996
OL	US-5,648,701	06-15-1997	HOOKE ET AL.	315	111.21	06-28-1994
OL	US-5,654,043	08-05-1997	SHAO ET AL.	427	527	10-10-1996
OL	US-5,674,321	10-07-1997	PU ET AL.	118	723	04-28-1995
OL	US-5,683,517	11-04-1997	SHAN	118	723	06-07-1995
OL	US-5,711,812	01-27-1998	CHAPEK ET AL.	118	723	06-06-1995
OL	US-5,718,798	02-17-1998	DEREGIBUS	156	429	04-10-1996
OL	US-5,770,982	06-23-1998	MOORE	333	32	10-29-1996
OL	US-5,897,752	04-27-1999	HONG ET AL.	204	192.12	05-20-1997
OL	US-5,911,832	06-15-1999	DENHOLM ET AL.	118	723	01-09-1997
OL	US-5,935,077	08-10-1999	OGLE	600	504	08-14-1997
OL	US-5,944,942	08-31-1999	OGLE	156	345	03-04-1998
OL	US-5,948,168	09-07-1999	SHAN ET AL.	118	723	10-09-1997
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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 5 of 6



Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 008401 04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
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OL	US-5,998,933	12-07-1999	SHUN'KO	315	11.51	04-06-1998
OL	US-6,020,592	02-01-2000	LIEBERT ET AL.	250	492.21	08-03-1998
OL	US-6,041,735	03-28-2000	MURZIN ET AL.	118	723	03-02-1998
OL	US-6,050,218	04-18-2000	CHEN ET AL.	118	723	09-28-1998
OL	US-6,076,483	06-20-2000	SHINTANI ET AL.	118	723	03-26-1998
OL	US-6,101,971	08-15-2000	DENHOLM ET AL.	118	723	12-22-1998
OL	US-6,132,552	10-17-2000	DONOHUE ET AL.	156	345	02-19-1998
OL	US-6,150,628	11-21-2000	SMITH ET AL.	219	121.54	06-26-1997
OL	US-6,164,241	12-26-2000	CHEN ET AL.	118	723	06-30-1998
OL	US-6,165,376	12-26-2000	MIYAKE ET AL.	216	67	01-05-1998
OL	US-6,182,604 B1	02-06-2001	GOECKNER ET AL.	118	723	10-27-1999
OL	US-6,237,527 B1	05-29-2001	KELLERMAN ET AL.	118	723	08-06-1999
OL	US-6,239,553 B1	05-29-2001	BARNES ET AL.	315	111.51	04-22-1999
OL	US-6,291,938 B1	09-18-2001	JEWETT ET AL.	315	111.51	01-24-2000

FOREIGN PATENT DOCUMENTS

Examiner Initials	Foreign Patent Document	Publication Date	Country	Name of Patentee or Applicant of Cited Document	Translation? (Yes/No/n/a)

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INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT

Sheet 6 of 6



Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 008401 04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
OF	US-6,300,643 B1	10-09-2001	FANG ET AL.	250	492.21	12-06-1999
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OF	US-6,335,536 B1	01-01-2002	GOECKNER ET AL.	250	492.3	10-27-1999
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OF	US-6,403,453 B1	06-11-2002	ONO ET AL.	438	513	07-27-2000
OF	US-6,410,449 B1	07-25-2002	HANAWA ET AL.	438	706	08-11-2000
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INFORMATION
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Sheet 1 of 1

Application Number: 10/646,612
Filing Date: August 22, 2003
First Named Inventor: Kenneth COLLINS, et al.
Group Art Unit: Unknown
Examiner Name: Unknown
Attorney Docket Number: 6915 P04

U. S. PATENT DOCUMENTS

Examiner Initials	Document No	Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date
OL	US-5,288,650	02-22-1994	SANDOW	437	24	10-09-1992
OL	US-5,985,742	11-16-1999	HENLEY ET AL.	438	515	02-18-1998
OL	US-5,994,207	11-30-1999	HENLEY ET AL.	438	515	02-18-1998
OL	US-6,013,567	01-11-2000	HENLEY ET AL.	438	515	05-05-1999
OL	US-6,103,599	08-15-2000	HENLEY ET AL.	438	459	06-03-1998
OL	US-6,153,524	11-28-2000	HENLEY ET AL.	438	691	07-28-1998
OL	US-6,155,090	12-05-2000	RUBENSSON	70	367	10-30-1997
OL	US-6,187,110 B1	02-13-2001	HENLEY ET AL.	148	33.2	05-21-1999
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OL	US-6,248,642 B1	06-19-2001	DOLAN ET AL.	438	407	06-24-1999
OL	US-6,265,328 B1	07-24-2001	HENLEY ET AL.	438	782	01-28-1999
OL	US-6,291,313 B1	09-18-2001	HENLEY ET AL.	438	458	05-18-1999
OL	US-6,511,899 B1	01-28-2003	HENLEY ET AL.	438	515	05-06-1999
OL	US-6,417,078	07-09-2002	DOLAN ET AL.	438	407	12-21-2000
OL	US-6,528,391 B1	03-04-2003	HENLEY ET AL.	438	459	05-21-1999
OL	US-6,582,999 B2	06-24-2003	HENLEY ET AL.	438	221	04-05-2001
OL	US-6,593,173 B1	02-15-2003	ANC ET AL.	438	149	11-28-2000
OL	US-6,321,134 B1	11-20-2001	HENLEY ET AL.	700	121	07-28-1998

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